

March 13, 2006
Case No. CR00257M (9640/047)
Serial No.: 09/919,050
Filed: July 31, 2001
Page 9 of 11

-- REMARKS --

In the Non-Final Office Action, Examiner Munoz objected and rejected pending claims 1-32 on various grounds. The Applicant responds to each objection and rejection by amending claims 1, 7, 8, 10, 15, 16, 20, 22, 23, 25, 28 and 31 to overcome each objection and rejection.

Applicants filed a petition on November 18, 2002 to obtain the provisional serial number. Applicants await decision on that petition and will provide the examiner said serial number upon receipt.

In particular, independent claim 1 has been amended herein to recite "A method for timing recovery in a communication system using cyclic extension of a plurality of symbols" to thereby more distinctly claim the subject matter of independent claim 1 and dependent claims 2-7.

Independent claim 8 has been amended herein to recite "a subtractor, operatively coupled to the correlator, for determining a valid sampling region based on a width of a plateau of the ensemble correlation function output", and "a sampling position selector, operatively coupled to the correlator, for determining at least one sampling position for at least one symbol based on the valid sampling region" to thereby contain subject matter enabled in the specification for independent claim 8 and dependent claims 9-14.

Independent claim 15 has been amended herein to recite "A method for estimating delay spread in a communication system using cyclic extension of a plurality of symbols" to thereby more distinctly claim the subject matter of independent claim 15 and dependent claims 16-20.

Dependent claim 23 has been amended herein to recite "wherein the delay spread estimator includes:" to thereby contain subject matter enabled in the specification for independent claim 22 and dependent claims 23-27.

March 13, 2006
Case No. CR00257M (9640/047)
Serial No.: 09/919,050
Filed: July 31, 2001
Page 10 of 11

Independent claim 28 has been amended herein to recite "A method for adapting a receiver in a communication system using cyclic extension of a plurality of symbols" to thereby more distinctly claim the subject matter of independent claim 28 and dependent claims 29-32.

Withdrawal of the various objections and rejections of claims 1-32 is therefore respectfully requested.

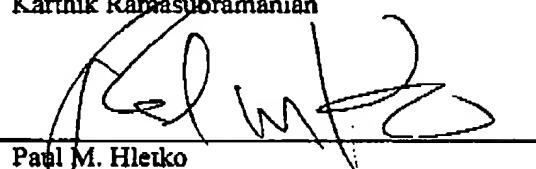
March 13, 2006
Case No. CR00257M (9640/047)
Serial No.: 09/919,050
Filed: July 31, 2001
Page 11 of 11

SUMMARY

The Applicant respectfully submits that pending claims 1-32 as listed herein fully satisfy the requirements of 35 U.S.C. §§ 102, 103 and 112. In view of the foregoing, favorable consideration and early passage to issue of the present application is respectfully requested. If any points remain in issue that may best be resolved through a personal or telephonic interview, Examiner Munoz is respectfully requested to contact the undersigned at the telephone number listed below.

Dated: March 13, 2006

Respectfully submitted,
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